



International Executive Conference on Expanding the Market for Concentrating Solar Power: Launching the 5000 MW CSP Global Market Initiative

21-23 October 2003
Palm Springs, California

FINAL PROGRAM

MONDAY, 20 OCTOBER

- 16:00–18:00 Organizing Committee Meeting with Discussion Group Leaders & Reporters – *Desert Suite 3*
- 18:30–20:00 Opening Reception – *Sunrise Terrace*

TUESDAY, 21 OCTOBER

Integrating National Programs into the CSP Global Market Initiative

- 7:30–8:45 Continental Breakfast – *Fiesta Patio*
- 8:00–8:45 Speakers/Facilitators Breakfast Meeting – *Desert Suite 3 (Breakfast served in meeting room)*
- 9:00–10:00 **SESSION ONE – OPENING OF THE CONFERENCE AND THE STATUS
AND FUTURE OF CSP** – *Las Palmas Salon E*

After welcoming remarks and a statement about the conference objectives, the status and outlook for CSP will be presented.

Moderator – Fred Morse, Chairman, Solar Thermal Power Division, Solar Energy Industries Association, United States

Conference Objectives

Uwe Ohls, Director, The German Development Bank (KfW), Germany

Overview of Concentrating Solar Power

Michael Geyer, Executive Secretary, International Energy Agency SolarPACES Program

The Future of Concentrating Solar Power

David Kearney, President, Kearney and Associates, United States

Conference Process

Fred Morse, Chairman, Solar Thermal Power Division, Solar Energy Industries Association, United States

10:00–10:30 Coffee Break

10:30–12:15 SESSION TWO – WORLDWIDE CSP ACTIVITIES – Las Palmas Salon E

The many CSP projects, activities, opportunities and programs around the world will be highlighted in this session.

Moderator – Rainer Aringhoff, General Manager, Solar Millennium AG & General Secretary of ESTIA, Germany

California

Tim Tutt, Technical Director, Renewable Energy Program, California Energy Commission

Nevada

Dick Burdette, Manager, Resource and Market Analysis, Public Utilities Commission of Nevada

Southwest 1000 MW CSP Initiative

Kevin Moran, Director, Washington, DC Office, Western Governors' Association

Egypt

Hosni Elkholy, Executive Chairman, New and Renewable Energy Authority

India

Chandra Shekhar Rajan, Secretary of Energy, Government of Rajasthan

South Africa

Kevin Nassiep, Chief Director of Energy Planning, Department of Minerals & Energy

Algeria

Tewfik Hasni, President and Director General, New Energy Algeria

Israel

David Assous, Chair Person, Public Utilities Authority

Germany

Klaus-Peter Pischke, Division Chief, The German Development Bank (KfW)

Spain

Manuel Lopez Casero, General Secretary for Industry and Technological Development, Andalucia

12:15–13:00 SESSION THREE – PROPOSED CSP GLOBAL MARKET INITIATIVE –
Las Palmas Salon E

The process followed to produce the draft CSP Global Market Initiative will be summarized. The strategy, approach, key elements and structure of the proposed GMI will be described and the benefits of participation will be presented.

Proposed CSP Global Market Initiative

Fred Morse, Chairman, Solar Thermal Power Division, Solar Energy Industries Association, United States & Georg Brakmann, Managing Director, Fichtner Solar GmbH, Germany, and President of ESTIA

Guidance to Discussion Groups

Fred Morse, Facilitator

13:15–14:15 Lunch – *Starlight Terrace*

14:15–18:00 DISCUSSION GROUPS – Las Flores Breakout Rooms

Participants will be assigned to a discussion group. Groups will discuss the CSP Global Market Initiative strategy for their region and clarify the approach.

Group	Room	Group Leaders
Group A	<i>Gardenia</i>	Uwe Ohls, Director, The German Development Bank (KfW), Germany
Group B	<i>Hibiscus</i>	Alain Dahan, Vice President, Solel Solar Systems, Israel
Group C	<i>Jasmine</i>	David Slawson, Chairman and CEO, Stirling Energy Systems, United States
Group D	<i>Lantana</i>	Randy Manion, Western Area Power Administration, United States
Group E	<i>Larkspur</i>	John Myles, President, Solargenix Energy, United States
Group F	<i>Lavender</i>	Ramon Carlos Torres Flores, Economist, Semarnat, Mexico
Group G	<i>Plumeria</i>	Kevin Nassiep, Department of Minerals & Energy, South Africa

18:00 Conclude first day

WEDNESDAY, 22 OCTOBER

The Proposed CSP Global Market Initiative

7:15–8:15 Continental Breakfast – *Starlight Terrace*

7:30–8:15 Speakers/Facilitators Breakfast Meeting – *Desert Suite 3 (Breakfast served in meeting room)*

8:30–10:30 SESSION FOUR – DISCUSSION GROUP REPORTS – Las Palmas Salon E

The reporters from the Discussion Groups will present the findings and recommendations of their first discussions.

Moderator – Frederick Morse, Chairman, Solar Thermal Power Division, Solar Energy Industries Association, United States

Group	Group Reporters
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Group A	Bob Liden, Chief Financial Officer, Stirling Energy Systems, United States
Group B	Kevin Moran, Director, Washington, DC Office, Western Governors' Association, United States
Group C	Klaus-Peter Pischke, Division Chief, The German Development Bank (KfW)
Group D	Avi Brenmiller, President & CEO, Solel Solar Systems, Israel
Group E	Arnold Leitner, United States
Group F	Tewfik Hasni, President and Director General, New Energy Algeria
Group G	Georg Brakmann, Managing Director, Fichtner Solar GmbH, Germany, and President of ESTIA

10:30–11:00 Coffee Break – *Outside Las Palmas Salon E*

11:00–12:30 SESSION FIVE – STAKEHOLDER PANEL – *Las Palmas Salon E*

The success of the GMI requires access to project finance, supportive regulatory policies, the involvement of the construction industry and willing utilities to purchase the power or CSP plants. This session will present the perspectives and recommendations of those stakeholders.

Moderator – Rolf Seifried, Senior Economist, The German Development Bank (KfW)

Regulatory Issues from Israel's Perspective

David Assous, Chairman, Public Utilities Authority, Israel

Regulatory Issues from a German Perspective

Ludger Lorych, Environ & Renew Energ, German Ministry of the Environment (BMU)

European Union Perspective

Philippe Schild, New and Renewable Energy Sources Unit, European Commission

Financing Requirements from a United States Perspective

Michael Ware, Managing General Partner, Black Emerald, Washington, DC, US

Perspective on Construction of CSP Power Plants

Jose Alfonso Nebrera Garcia, Director General, Cobra S.A., Spain

Utility Issues from a United States Perspective

Bud Beebe, Sacramento Municipal Utility District, US

Guidance to Discussion Groups

Fred Morse, Facilitator

12:30–13:30 Lunch – *Starlight Terrace*

13:30–15:30 DISCUSSION GROUPS – *Las Flores Breakout Rooms*

Participants will return to their discussion group. Groups will discuss specific aspects of the Global CSP Market Initiative and identify the next steps.

15:30–16:00 Coffee Break – *Outside Las Palmas Salon E*

16:00–17:45 SESSION SIX – DISCUSSION GROUP REPORTS – *Las Palmas Salon E*

The reporters from the Discussion Groups will present the findings and recommendations of their second discussions.

Moderator – Gilbert Cohen, Vice President, Solargenix Energy, United States

17:45 Conclude second day

18:30 Formal Reception – *Sunrise Terrace*

20:00 Formal Conference Dinner – *Las Palmas Salon D*

THURSDAY, 23 OCTOBER

Launch of the CSP Global Market Initiative

7:15–8:15 Continental Breakfast – *Starlight Terrace*

7:30–8:15 Speakers/Facilitators Breakfast Meeting – *Desert Suite 3 (Breakfast served in meeting room)*

8:30–10:00 SESSION SEVEN – CSP GLOBAL MARKET INITIATIVE – *Las Palmas Salon E*

The performance of the 354 MW CSP plants operating in the California Mojave Desert for the past 15 years will be highlighted and the outlook for improvements in the cost and performance will be presented. With this background, the CSP Global Market Initiative, as revised during the preceding days of the conference, will be presented and endorsed by the Global Environment Facility. The benefits of CSP will be highlighted from a political perspective.

Moderator – Alan Miller, Global Environment Facility Coordinator, International Finance Corporation, Washington, DC

The SEGS Story: Fifteen Years of Improved Performance

Scott Frier, Chief Operating Officer, KJC Operating Company, United States

The Outlook for CSP

Avi Brenmiller, President and CEO, Solel Solar Systems, Israel

Launch of the CSP Global Market Initiative

John Myles, President, Solargenix Energy, United States & Rainer Aringhoff, General Manager, Solar Millennium, Germany, and General Secretary of ESTIA

Global Environment Facility Endorsement and Announcement of Advisory Board

Alan Miller, Global Environment Facility Coordinator, International Finance Corporation, Washington, DC

10:00–10:30 Coffee Break

10:30–12:00 SESSION EIGHT – ENDORSEMENT OF THE CSP GLOBAL MARKET INITIATIVE – Las Palmas Salon E

In this closing session, the participating countries and states will offer their endorsements, recommendations or requirements for the CSP Global Market Initiative.

Moderator – Woodrow Clark, Deputy Director and Senior Policy Advisor, Office of the Governor, State of California

Egypt

Hosni Elkholy, Executive Chairman, New and Renewable Energy Authority

India

Chandra Shekhar Rajan, Secretary of Energy, Government of Rajasthan

South Africa

Kevin Nassiep, Chief Director of Energy and Planning, Department of Minerals and Energy

Algeria

Hamid Dahmani, Counselor, Ministry of Energy & Mining

Mexico

Ramon Carlos Torres Flores, Economist, Semarnat, Government of Mexico

Morocco

Ahmed Nakkouch, General Manager, National Office of Electricity (ONE)

Israel

Avi Brenmiller, President and CEO, Solel Solar Systems Ltd.

Germany

Ludger Lorych, Federal Ministry for the Environment (BMU)

Electric Power Research Institute

Terry Peterson, Manager, Solar Power & Green Power Marketing, United States

New Mexico

Craig O'Hare, Special Assistant for Renewable Energy, New Mexico Energy Department

Western Governors' Association

Kevin Moran, Director, Washington, DC Office

12:00–14:00 CLOSING LUNCH AND AWARDS CEREMONY – Las Palmas Salon D

FRIDAY, 24 OCTOBER

8:30

VISIT TO THE SEGS PLANT AT KRAMER JUNCTION